

This listing of claims will replace all prior versions, and listings of claims in the application:

Amendments To The Claims

1. A method for producing blister copper, ~~according to which method comprising feeding~~ copper concentrate (5), flux (6) and oxygen-enriched air (7) ~~are fed~~ together into a flash smelting furnace (1), ~~so that there are created~~ to form at least two molten phases, ~~such as~~ white metal (11) and slag (10) and oxidizing the white metal ~~is oxidized~~ after the flash smelting furnace in at least one oxidizing reactor (12), ~~characterized in that providing an~~ oxygen potential is within the range of 10^{-6} and a sulfur dioxide partial pressure is within the range of 0.2 – 1 in the flash smelting furnace (1), and installing the oxidizing reactor (12) ~~is installed~~ in connection with the flash smelting furnace (1).
2. A method according to claim 1, ~~characterized in that~~ wherein the oxidizing reactor (12) is arranged to be installed in connection with the flash smelting furnace (1) in a stationary fashion.
3. A method according to claim 1, ~~characterized in that~~ wherein the oxidizing reactor (12) is connected to the flash smelting furnace (1) by a melt launder (13).
4. A method according to ~~claim 1—3, characterized in that~~ claim 1, wherein the oxidizing reactor (12) is a surface blasting reactor.
5. A method according to ~~claim 1—3, characterized in that~~ claim 1, wherein the oxidizing reactor (12) is an injection reactor.
6. A method according to claim 5, ~~characterized in that~~ wherein into the oxidizing reactor (12), there also is injected solid white metal.

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7. A method according to claim 1, ~~characterized in that~~ wherein the slag (10) is treated after the suspension smelting furnace (1) ~~treated~~ in an electric furnace in order to recover the copper content thereof.

8. A method according to claim 1, ~~characterized in that~~ wherein the slag (10) is after the suspension smelting furnace (1) ~~treated~~ in flotation in order to recover the copper content thereof.